MONTHLY WEATHER MAP

METEOROLOGICAL SERVICE, DOMINION OF CANADA

JULY 1934

TEMPERATURE

Over the greater part of the Dominion the mean temperature did not differ greatly from the normal but in the extreme southwestern portion of Saskatchewan, the extreme southeastern district of Alberta and locally in south central Alberta there were excesses of four to six degrees. Locally in southwestern Ontario also the excess was four degrees.

In the Fraser valley of British Columbia departures from normal were small while on the Pacific coast and on Vancouver Island they were generally slightly negative, reaching two degrees below normal at Prince Rupert. In the southeastern interior valleys there was an excess of two to three degrees mainly due to a hot spell when maxima considerably in excess of 100° were recorded.

In Alberta from Edmonton northward to the Athabaska and lower Peace Rivers as well as westward to Lesser Slave Lake temperatures averaged one to two degrees below normal. Southward there was an excess which reached a maximum of six degrees in the extreme southeast. In the upper Peace River region there was a slight excess.

In Saskatchewan the northern districts of the grain region reported an excess of about one degree. In the central districts there was an excess of two to three degrees while immediately north of the International Boundary in the southwest there was an excess of six degrees.

In the grain regions of Manitoba the mean temperature was practically normal but in the far north there was an excess of one to three degrees.

Except in the region of the Lake of the Woods mean temperatures were one to three degrees lower than normal in northern Ontario. From the eastern shore of the Georgian Bay southward to the Lower Lakes and eastward to the lower Ottawa and upper St. Lawrence valleys the temperatures averaged generally two to three degrees above normal except in the Lake St. Clair region where the excess was four degrees.

In Quebec temperatures averaged nearly normal except in the extreme west from the Gatineau River to Lake Champlain where the excess was about two degrees.

In the Atlantic provinces the mean temperatures were mostly one degree or more above normal. Exceptions were northern and central New Brunswick where the normal was scarcely reached.

In the Mackenzie valley, the northern Yukon and on the west coast of Hudson Bay north of latitude 62 the month was cooler than a normal July. In the Mackenzie delta the deficiency was four degrees.

PRECIPITATION

The rainfall was moderately deficient on Vancouver Island, the Pacific Coast, and the southern interior valleys but there was a moderate excess locally on the shores of the Strait of Georgia, while in the extreme upper portion of the Fraser valley more than twice the normal amount was recorded.

In some parts of the district from Lesser Slave Lake to the upper Peace River twice to three times the normal amount was reported. Between Edmonton and the upper Athabaska River the amount of rainfall was normal while southward there was a deficiency. In the western districts the deficiency was generally moderate while in the central east and in the extreme southeast the deficiency was fifty to seventy-five per cent. In Saskatchewan one-half or more of the normal amount was recorded over the greater part of the wheat belt but in the southwest and parts of the southeast immediately north of the border only twenty to thirty per cent. of the normal amount was reported. In Manitoba also there was a deficiency, some sections reporting more than half but others, mainly in the south, reporting only twenty-five per cent. or less of the normal July rainfall.

Between the Lake of the Woods and Lake Superior there was an area which received rainfall fifty per cent. or more in excess of normal. This excess appears to have extended along the Albany River to James Bay but in the settled regions around Lake Superior and from the Moose and Abitibi Rivers southward to Georgian Bay there was a deficiency of thirty to forty per cent. In the Georgian Bay counties along the shore of Lake Huron and locally at least in the central counties of the region between the Ottawa River and the Lower Lakes the deficiency was small. A few points in fact reported an excess. Along the shores of Lakes St. Clair and Erie, in the Niagara Peninsula, as well as immediately north of Lake Ontario the rainfall was deficient, the deficiency amounting to forty or fifty per cent. In the Niagara region, however, several stations reported barely one-fifth of the normal amount. In the lower Ottawa valley the deficiency was moderate but in the upper St. Lawrence valley the deficiency was thirty-five to fifty per cent.

In extreme southwestern Quebec less than one-half the normal rainfall was reported while from Quebec City northwestward into the Laurentian hills there was a moderate excess. Along the lower St. Lawrence and the north shore some districts reported excess and others a deficiency.

Rainfall was less than the normal amount along the coast of the Bay of Fundy, southern Nova Scotia, central and northern New Brunswick where there were deficiencies of ten to eighty per cent. Very locally in New Brunswick and in Prince Edward and Cape Breton Islands there was an excess of five to twenty per cent. In the Annapolis valley heavy rains occurred, the excess amounting to nearly one hundred per cent. The month was notable for the large number of thunderstorms which occurred. Forest fires were prevalent in Nova Scotia and many districts were suffering from lack of moisture severely until the rain of the 16th.

A. J. CONNOR

SPECIAL REPORTS

NOTE—Column H is Highest Temperature; Column L is Lowest Temperature; Column P is Precipitation in inches; Column I denotes total of bright sunshine in hours during the month; Column Tm is the mean temperature of the current month.

BRITISH COLUMBIA

STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm
Sooke	78°	42°	0.8			Victoria	81°	49°	0.2	310	59°	Nelson	103°	40°	0.6	301	
Goldstream Lake			1.0			Vancouver	83°	47°	1.9	236	63°	Kamloops	103°	40°	1.1	299	70°
Port Alberni	92°	48°	1.2			White Rock	83°	44°	1.0			Salmon Arm	103°	40°	1.1	300	
Shawnigan Lake	90°	44°	1.2			Penticton	100°	42°	0.2			Golden	101°	40°	1.1		
Duncan	93°	42°	0.9			Summerland	103°	45°	0.2	305		Glacier	90°	33°	3.0		
Cowichan Bay	82°	49°	0.7	283		Oliver	108°	49°	0.1	305		Prince George	95°	32°	3.9	227	59°
Nanaimo	86°	47°	2.0	244		Vernon	103°	44°	0.8	328		Prince Rupert	86°	42°	4.1	113	54°
Courtenay			2.5			Kaslo	100°	40°	1.0			Atlin			0.8		56°
New Westminster	90°	48°	2.2														

ALBERTA

STATION	H	L	P	I	Tm	STATION	H	L	P	I	Tm
Beaverlodge	83°	36°	2.4	280	57°	Drumheller	99°	39°	1.2		67°
Fairview	84°	36°	4.0	226	57°	Brooks	96°	41°	1.6		66°
Grande Prairie	92°	33°	3.7		60°	Macleod	98°	40°	1.2		67°
Grouard	83°	32°	3.8		59°	Lethbridge			0.4	358	64°
High Prairie	86°	34°	5.3		58°	Raymond	99°	37°	0.7		66°
Kinuso	83°	32°	6.1		58°	Cardston	94°	38°	0.6		64°
Edmonton	90°	38°	3.0	300	60°	Empress			1.1		
Viking	91°	34°	2.4		60°	Medicine Hat	99°	43°	0.8	349	69°
Vermilion	89°	32°	2.2		60°	Jenner	99°	40°	1.4		66°
Radway	88°	33°	2.5		59°	Manyberries	99°	39°	0.4		68°
Ranfurly	93°	35°	1.4		61°	Seven Persons			0.8		
Westaskiwin	94°	37°	1.3		60°	Winnifred			0.8		
Stettler	91°	35°	2.5		62°	Coleman			0.9		
Harmattan	93°	27°	1.6		56°	Cowley			1.4		
Hillsdown	92°	38°	2.4		61°	Lougheed			2.2		
Elnora	98°	34°	0.5		62°	Sibbald			0.8		
Hanna	94°		0.5		63°	Alsask	95°	37°	0.8		65°
Coronation	95°	39°	1.3		64°	Pekisko	90°	27°	2.0		55°
Pemukan			1.1			Anthracite	95°	34°	1.4		58°
Olds	93°	33°	1.3		60°	Lake Louise	91°	27°	1.9		53°
Red Deer	94°	36°	3.1			Entrance	93°	30°	4.0		56°
Strathmore	93°	39°	1.5		62°	Rocky Mountain House	88°	24°	0.5		55°
Calgary	94°	36°	2.2	333	61°	Exshaw	93°	27°	1.7		60°

SASKATCHEWAN

Waseca	89°	33°	1.5		62°	Davidson	93°	36°	1.0		65°
Battleford	93°	38°	1.2		64°	Tugaske	95°	34°	1.1		67°
Macklin	94°	36°	1.1		64°	Strongfield			0.6		
St. Walburg	87°	30°	1.9		61°	Marquis			1.0		
Meadow Lake	85°	40°	3.5		64°	High Point			0.7		
Loon Lake	87°	30°	1.8		59°	Caron	95°	30°	0.9		66°
Biggar	96°	40°	1.0		66°	Moose Jaw	96°	35°	1.4	363	68°
Lac la Ronge	83°	37°	2.8		61°	Qu'Appelle	94°	32°	1.3	344	65°
Witchekan	89°	35°	1.6		61°	Fort Qu'Appelle	100°	27°	1.6		65°
Prince Albert	91°	39°	1.4		61°	Indian Head	95°	34°	1.2		66°
Lost River	89°	37°	1.8		63°	Regina	95°	28°	1.9		66°
Turtleford	89°	30°	2.6		60°	Beechy	96°	37°	0.7		67°
Lloydminster	90°	34°	1.4		61°	Yellow Grass	97°	29°	0.8		67°
Nipawin	87°	38°	1.5		62°	Shaunavon	99°	47°	0.3		69°
Muenster	88°	34°	1.0		63°	Swift Current	96°	34°	1.4	374	68°
Humboldt	90°	37°	0.9		64°	Willow Creek	100°	35°			68°
Lintlaw	89°	31°	4.1		61°	Maple Creek	96°	38°	0.6		67°
Yorkton			1.0			Chaplin	95°	38°	0.6		67°
Kamsack	94°	28°	1.2		64°	Assiniboia	98°	34°	1.2		69°
Lumsden	98°	31°	1.1		69°	Gravelbourg	96°	32°	0.7		67°
Outlook	98°	37°	0.5		68°	Francis	95°	29°	1.0		66°
Kindersley	95°	40°	1.2		67°	Carlyle	100°	32°	1.3		67°
Scott	90°	37°	1.5	328	63°	Moosomin	99°	34°	0.5		66°
Saskatoon	95°	36°	1.2		65°	Grenfell	98°	32°	1.1		66°
Melfort	86°	37°	2.2		63°	Whitewood	93°	33°	1.2		63°
Strasbourg	91°	35°	1.4		65°	Midale	99°	29°	1.2		67°
Hubbard	89°	32°	1.6		60°	Leader	97°	29°	1.1		66°
Rosetown	97°	34°	2.3		65°	Ceylon			0.5		
Dundurn	95°	36°	0.8		65°	Climax			0.4		
Craik	97°	37°	0.5		68°	Goodwater			0.9		
Dana	93°	36°	0.6		64°	Leitchville			0.1		
Harris	97°	39°	1.7		64°	Lidgett			0.4		
Elbow	98°	35°	0.3		69°	Wapashoe			0.6		
						Broadview			1.0		

MANITOBA

Cypress River	99°	36°	1.5		68°	Morden	100°	42°	1.6		69°
Hamiota	100°	30°	1.6		65°	Morden (Exp. Farm)	99°	42°	1.7		69°
Minnedosa			1.6		64°	Morris	102°	45°	0.6		72°
Ninette	98°	36°	1.0		68°	Sprague	93°	32°	1.4		63°
Pierson	101°	34°	0.4		68°	Winnipeg	92°	40°	1.8	347	66°
Pilot Mound			1.1			Berens River	87°	44°	2.0		
Russell	96°	32°	1.5		63°	Great Falls	90°	42°			67°
Souris	100°	36°	1.5		67°	Pinawa	91°	37°	1.0		63°
Virden	102°	38°	1.4		68°	Moose Horn Bay	90°	39°			65°
Waskada	102°	31°	0.4		70°	Dauphin	102°	41°	0.7		68°
Emerson	102°	44°	1.4		69°	Le Pas	88°	43°	2.7		65°

ONTARIO

STATION	H	L	P	I	Tm
Algonquin Park	89°	44°	1.4		66°
Armstrong	85°	34°	5.1		60°
Atikokan	91°	33°	4.5		64°
Biscotasing	88°	38°	2.7		64°
Chapleau	91°	36°	2.3		64°
Cochrane	85°	40°	2.8	242	62°
Franz	91°	36°	1.4		62°
Haileybury	94°	42°	2.7	324	66°
Heaslip	92°	37°	2.5		62°
Ignace	86°	37°	1.9		63°
Kakabeka Falls	95°	37°	2.7		63°
Kapuskasing	84°	40°	1.9		62°
Kenora	93°	45°	1.6		66°
Madawaska	92°	32°	2.3		62°
Minaki	92°	45°	3.0		65°
Montreal River	93°	36°	2.9		63°
Moosonee	84°	30°	4.4		59°
North Bay	86°	45°	3.6		62°
Oba	99°	37°	1.7		62°
Port Arthur	95°	44°	2.2		63°
Providence Bay	92°	43°	0.8		66°
Quorn	86°	38°	3.4		62°
Ruel	86°	30°	2.3		61°
Schreiber	83°	41°	2.9		58°
Sioux Lookout			4.0		64°
Steep Hill Falls	89°	34°	2.3		60°
Temagami	88°	44°	2.4		66°
Timmins	89°	46°	2.8		64°
Wawaitin Falls	91°	31°	3.1		61°
White River	92°	31°	1.0		60°
Beatrice	89°	41°	1.5		66°
Huntsville	89°	45°	1.5		68°
Orillia	90°	50°	1.7		68°
Parry Sound			2.1		70°
Scotia Junction			1.8		
Walkerton	100°	41°	1.5		70°
Brucefield	95°	43°	3.7		69°
Forest	100°	45°	2.8		71°
Lucknow	97°	42°	1.9		68°
Southampton	90°	44°	1.2		65°

STATION	H	L	P	I	Tm
Alton	97°	42°	2.0		68°
Brantford	99°	43°	0.7		72°
Camp Borden	94°	39°	4.0		67°
London	95°	44°	2.8		71°
Lucan	99°	48°	5.3		71°
Mount Forest	95°	36°	2.4		67°
Paris	99°	48°	1.4		73°
Stratford	95°	46°	2.1		71°
Woodstock	97°	44°	1.5	314	71°
Chatham	102°	49°	1.2		74°
Harrow	99°	52°	1.1	248	76°
Niagara Falls	94°	50°	1.3		72°
Pelee Island	106°	58°	0.9		78°
Ridgetown	99°	50°	1.5		74°
Rock Chapel (Grimsby)	97°	55°	1.0		71°
St. Catharines	93°	50°	0.8	294	72°
St. Thomas	95°	45°	1.2		71°
Simcoe	96°	43°	0.4		73°
Vineland	97°	50°	0.7		69°
Agincourt	93°	49°	2.9		70°
Aurora	94°	50°	3.6		69°
Orono	92°	48°	1.0		70°
Georgetown	95°	41°	1.6		68°
Toronto	93°	54°	1.6	328	71°
Apsley	92°	41°	1.6		67°
Haliburton	87°	41°	3.2		65°
Lakefield	92°	51°	1.0		70°
Lindsay	93°	47°	1.4		70°
Queensboro	93°	43°	1.5		68°
Belleville	94°	50°	1.4		71°
Brockville	92°	46°	2.5		71°
Healey Falls	93°	46°	1.9		69°
Kingston	88°	53°	1.2		70°
Morrisburg	93°	41°	1.9		68°
Ottawa	93°	52°	2.4		71°
Ottawa (Exp. Farm)	93°	48°	2.9	358	70°
Pembroke	92°	47°	1.4		69°
Picton	93°	48°	0.3		72°
Renfrew	90°	46°	2.0		66°

QUEBEC

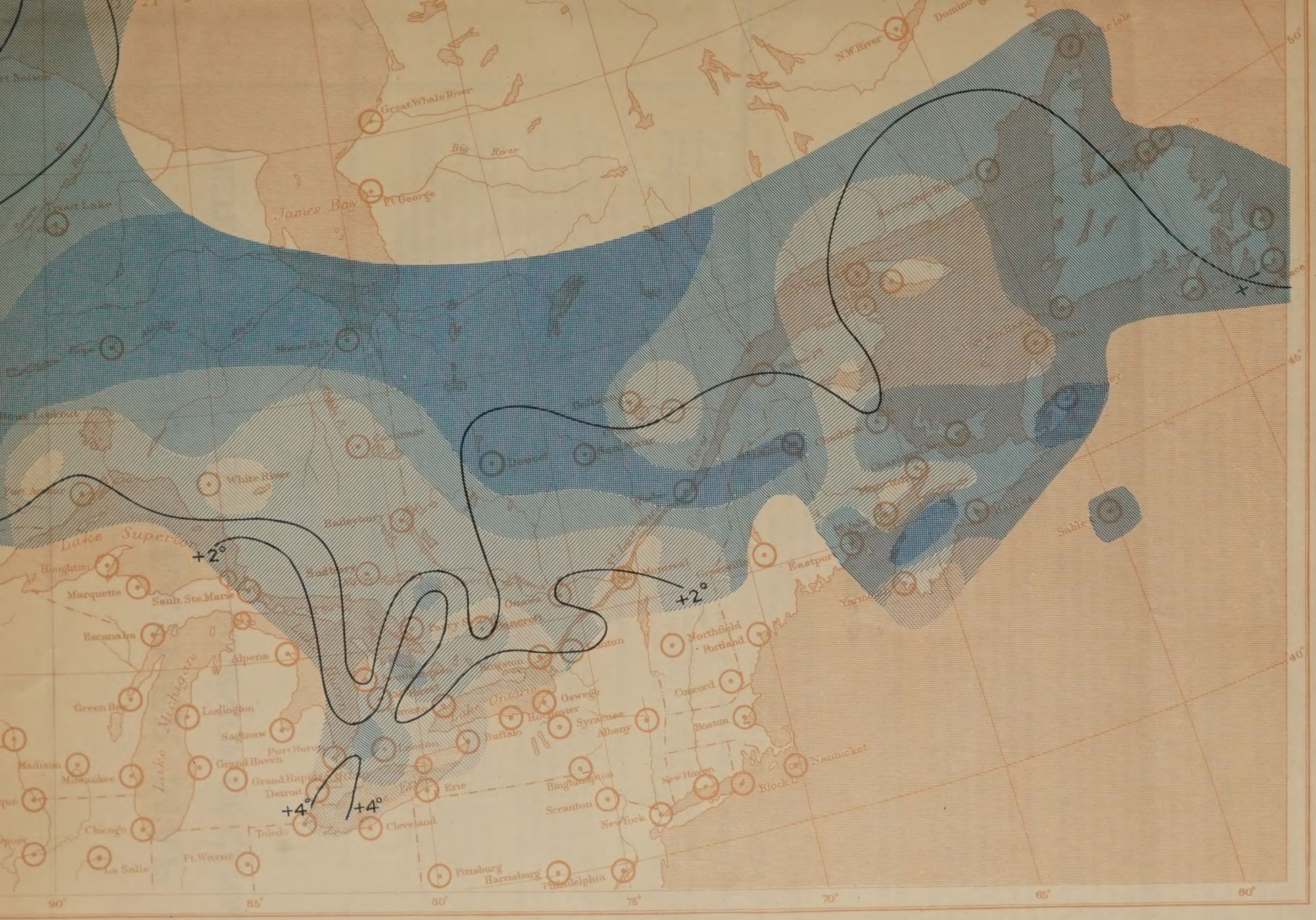
STATION	H	L	P	I	Tm
Cedars	88°	48°	1.7		70°
Montreal	87°	56°	1.7	293	72°
Macdonald College	88°	53°	1.7		71°
Farnham	88°	42°	0.7	313	69°
Brome	88°	43°	1.5		
Lennoxville	89°	40°	2.7	278	67°
East Angus	88°	44°	3.1		67°
L'Assomption	90°	44°	2.4		69°
St. Bruno de Chambly	89°	48°	0.9		
St. Ephrem	89°	48°	2.2		
Sorel	90°	48°	0.9		70°
Joliette	92°	51°	0.8		70°
Huberdeau	90°	41°	2.1		67°
Beauceville	86°	43°	3.8		69°
Bertheirville	90°	44°	0.6		69°
Chelsea	90°	45°	2.7		
Drummondville	87°	42°	1.8		
Donnacona	91°	53°	4.9		
Lake Megantic	80°	43°	3.2		64°
Nomining	85°	44°	4.2		66°
Ste. Agathe des Monts	85°	45°	2.9		65°
St. Jerome	88°	47°	1.1		68°
St. Lin de Laurentides	92°	48°	4.4		71°
Montebello	92°	46°	2.2		70°
St. Gabriel de Brandon			2.2		
Quebec			4.5	277	68°
Cap Rouge	84°	46°	3.7	270	66°
Betsiamites	83°	41°	2.2		

STATION	H	L	P	I	Tm
Bicquette	76°	44°	3.0		
Donnacona	91°	53°	4.9		
La Malbaie	85°	43°	2.1		68°
Nicolet	88°	50°	1.4		
Price	82°	43°	3.2		
Ste. Anne de la Pocatiere	84°	45°	2.9		66°
Ste. Rose	85°	37°	2.6		
Tadoussac	81°	45°	3.9		
Father Point			3.3		58°
Fame Point	84°	49°	2.4		62°
Grindstone Island	76°	47°	2.1		60°
Albanel	85°	42°	3.1		
Lake Kempt	85°	34°	1.9		
Chicoutimi	91°	44°	2.7		63°
La Loutre Rapids	83°	40°	2.5		
Isle Maligne	86°	42°	3.4		63°
La Tuque	93°	45°	1.8		
Manouan	89°	44°	3.0		
Mercier Dam	84°	40°	2.7		
Obijuan	86°	39°	2.0		
Oskelaneo	85°	37°	2.2		
Portage des Roches	89°	38°	3.6		
Rigolet	82°	36°	3.7		
St. Jules de Cascapedia	86°	36°	2.5		
Amos	91°	37°	3.4		61°
La Ferme	88°	34°	3.3	240	61°
Maniwaki	89°	44°	2.2		
Quinze Dam	90°	46°	4.1		
Red Pine Chute	91°	42°	1.4		67°
Temiskaming	88°	46°	3.8		
Ville Marie	96°	44°	2.7		68°

ATLANTIC PROVINCES

STATION	H	L	P	I	Tm
Aroostook	85°	44°	4.2		65°
Bathurst	87°	43°	1.3		65°
Chatham	87°	42°	3.5		66°
Chipman	88°	39°	2.8		66°
Fredericton	88°	47°	2.9	290	66°
Fredericton (Experimental Farm)	88°	44°	2.5	279	66°
Gagetown	87°	47°	2.2		67°
Harvey	87°	46°	3.4		66°
Moncton	87°	35°	2.1		64°
Musquash	82°	38°	2.8		62°
McAdam Junction	87°	44°	3.7		66°
Richibucto	90°	42°	7.0		65°
Saint John	80°	49°	2.1	248	62°
Sackville	85°	42°	2.0		65°

STATION	H	L	P	I	Tm
Sussex	87°	40°	1.2		66°
Woodstock	87°	43°	3.5		66°
Digby	85°	44°	4.3		63°
Halifax	84°	50°	3.1		66°
Kentville	93°	41°	5.5	267	67°
Liverpool	87°	35°	1.8		64°
Nappan	85°	38°	2.0	281	64°
Sydney	85°	44°	4.0		65°
Truro	86°	36°	2.6		64°
Upper Stewiacke	86°	40°	3.7		66°
Wolfville	90°	45°	5.6	287	60°
Yarmouth	79°	43°	0.8		60°
Charlottetown	81°	48°	3.2		67°
Charlottetown (Experimental Farm)	83°	46°	3.6	297	67°


+2°
+2°
+4°
+4°
Great Whale River
Big River
James Bay
Ft George
N.W.River
Lake Superior
Houghton
Marquette
Sault Ste Marie
Escanaba
Alpena
Green Bay
Ludington
Saginaw
Grand Haven
Milwaukee
Madison
Chicago
La Salle
Ft. Wayne
Detroit
Cleveland
Toledo
Erie
Buffalo
Oswego
Rochester
Syracuse
Albany
Binghampton
Scranton
New York
Pittsburg
Harrisburg
Philadelphia
Northfield
Portland
Concord
Boston
Nantucket
New Haven
Block I.
Eastport
90°
85°
80°
75°
70°
65°
60°
50°
45°
40°

E, DOMINION OF CANADA.
R MAP
934
emperature; and total precipitation of the month.
Ellesmere Island
Pond Inlet
Godhaven
Angmagssalik
Pangnirtung
Godthaab
Julianehaab
Resolution
Port Burwell
Cape Wolstenholme
Wakeham
Hopes Advance
Port Chimo
Nain
Port Harrison
Aabe Inlet
+2°
+4°
−
+
90°
85°
80°
75°
70°
65°
60°
55°
50°
45°
40°
35°
60°
55°

REFERENCES.

The Black lines shew the difference from the normal mean Temperature.

The shading shews approximately the precipitation of the month.

- Less than 1 inch
- Less than 2 inches
- Less than 3 inches
- Less than 4 inches
- More than 4 inches

METEOROLOGICAL SERVI

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JULY,

Chart shewing the difference from normal mean